## THE PATENT GALVANIZED IRON.

TEPPER and CARR,
Owners of Crawford's Patents, and Successors to
THE GALVANIZED IRON COMPANY,
Supply patent Galvanized Sheets, plain or corrugated, for roofing &c., Water or Gas Pipes, Castings, Wire of all gauges, Guttering, Hooping, &c. Wholesale, retail, and for export.

An all-comers to the trade.

WORKS—MILLWALL and BIRMINGHAM
LONDON OFFICE, 2, MANSION-HOUSE PLACE.

## IRON BUILDING and ROOFING WORKS,

BIRMINGHAM, late of Smethwark.
JOHN M. PORTER,
Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, church rooms, factories, &c. &c.

PATENTEE
Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

## THE PATENT GALVANIZING and CORRUGATING IRON COMPANY,

Glass-house Yard opposite the Principal Entrance to the London Docks.
Offices—13, Circus, Minories.
J. RYMONDS & CO. Managers.

The Proprietors having made considerable improvements in the mode of working Cawcraft's Patent, for which they have a license, are now in a position to execute orders to any extent, in a manner hitherto unequalled, and they respectfully solicit the favours of Builders, Contractors, Merchants, and others.

The proximity of their premises to the docks affords peculiar facilities for the prompt execution of shipping orders.

On hand—for exportation or home consumption—Patent Galvanized Plain and Corrugated Sheets, for Iron Houses, Roofing, Railway Stations, Carriage Sheds, Farm Buildings, Gas Works, Warehouses, Factories, Doors, Verandas, Shutters, Partitions, Safety Chests, &c., Iron Guttering, Water and Gas Pipes, Hooping, Wire of all sizes, Chains and Seats for Lawns, Pleasure Grounds, and Gardens, in great variety.

Goods sent for and returned, free of charge, within three miles of the City; and all light goods received at the Works by 9 in the morning, will be returned the same day, if required.

A Discount allowed to the Trade.

## THE CORRUGATED and GALVANIZED IRON ROOF, PORTABLE BUILDING, AND NASMYTH'S PATENT PLANKING, ROOFING, AND GIRDER WORKS,

Offices, 43, Gracechurch-street.

JOHN WALKER, one of the Patentees of Corrugated Iron, calls the attention of Architects, Engineers, &c., to his List of Prices, which, consistently with good workmanship, are extremely low.

Models of the patent Iron Sheeting, corrugated or not, and girders; also, drawings of roofs, on peculiar principles, may be had on application.

Specimens of the sun light-house spoken of in the Times and other papers see the Exhibition for February 28th, may be seen by application.

References to firms of the highest class can be given.

## MOREWOOD and ROGERS'S PATENT GALVANIZED TINNED IRON,

Is a Iron Tinned previously to being galvanized. The attention of Architects, Engineers, and others is directed to the various uses to which this metal can be beneficially applied, viz., for all roofing purposes, especially of large spans, either plain or corrugated, arched and ever required, as to the form of tiles; for all sheds, barns, and buildings of a similar description; for the linings of tunnels, cisterns, and tanks; for gutters, gliders, and pipings of every description, plain and ornamental, as a coils, and rivets, iron hooping; and for all manner of purposes, sheathing, anchors, chains, &c.

ANDREW WHITTOCK, 180, New Oxford-street, and Rose-street, Soho, begs to particularize the "Tiles," in size 3 feet long by 2 feet wide, prepared expressly of "Galvanized Tinned Iron" for the economy of timber roofs of the ordinary construction. They will be found to form a durable perfectly weather-tight covering, as neither rain nor snow can possibly be driven under the laps by the wind, and the unlucky accidents of "broken slates, with the annual repair-score for such repairs are avoided. A square of covering of the above metal weighs about 11 cwt., while slating weighs from 7 to 13 cwt.; the first cost of covering a roof with this metal is account of the great saving in woodwork is at least 15 per cent. less than a slated roof. A. W. begs to recommend the adoption of this metal for PANELS to DOORS, SHUTTERS, be for ordinary framed joiners' work, as independent of the security against burglars, knees, shrinkages, and many other disadvantages of wood panels are avoided. For all uses of this metal and information as to its applicability to any purpose, all parties are referred to the Surveyor of the Patentees, Mr. GEORGE MORGAN, No. 23, Parliament-street.

## JAMES ARTHUR MILES, Wholesale and Manufacturing Brass Founder, 13, Panton-lane, Queen-street, Pall, respectfully calls the attention of the trade to his stock of BRASS FOUNDERY, BELL CRANKS, and GAS FURNITURE, comprising a greater variety in each department than has hitherto been kept.

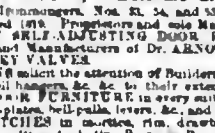
The CRANKS are arranged in twelve suites of different drafts and strengths, and from one to six feet. Also in the rough, mounted with copper pins, for export work. BELL-LEVERS and PULLS, in bronze, pearl, ivory, glass, and china.

In GAS WORK, the wheels of the patterns are entirely new. A large assortment of GAS PILLARS, PENDANTS, BRACKETS, and CHANDELIERS is kept. CORNICE-POLES, DESK RAILS, WINDOW-FITTINGS, GASWORK, and every description of brass work manufactured on the shortest notice.

NO IRONMONGERY OF ANY DESCRIPTION KEPT IN STOCK.

Agent for the sale of W. B. KENNEDY'S CHINA DOOR FURNITURE, with Dove's Patent Spindles, and whose stock is kept upon the premises. The stock is much larger in amount, and contains a larger variety of patterns than any other. Also,

CHINA LETTERS, GARDEN LABELS, COMMODE KNOBS, CUPBOARD CATCHES, &c., and a continual succession of novelties at the lowest prices. The above articles in china may be had retail of all respectable ironmongers throughout the kingdom.



TO BUILDERS AND OTHERS.

## HART and SONS, Wholesale and Manufacturing Ironmongers, Nos. 81, 84, and 85, Wych-street, Strand. Established 1819. Proprietors and sole Manufacturers of PITT'S PATENT SELF-ADJUSTING DOOR FURNITURE and SPINDLES, and Manufacturers of Dr. ARNOTT'S VENTILATING CHIMNEY VALVES.

HART and SONS solicit the attention of Builders, House Decorators, Smiths, Bell-hangers, &c. &c. to their extensive and well selected stock of DOOR FURNITURE in every suitable material, as made with Singer-plates, bell-pulls, levers, &c., and also to their

LOCKS and LATCHES in mortice, rim, drawback, iron gate, cabinet &c., of all qualities, including Barron's, Bramah's, Chubb's, and Pitt's Patent Tumbler.

GENERAL IRONMONGERY wrought and cut nails, screws, hinges, bolts, &c. &c.

BRASS FOUNDERY.—Bell cranks of all descriptions, cornice poles, picture rods, door bell handles, desk and box rails, window guards, &c. &c.

WINDOW FITTINGS of all kinds, including brackets, rods, arms, sliding sockets, trays, &c. &c.

DOOR SPRINGS and HINGES, including Hellmuth's, Smith's, Collinge's, Parkes's, and Cotterell's patents.

WINDOW BLIND FITTINGS of the most approved principle.

SHERINGHAM'S and all other VENTILATORS.

LEAN BACK BOLT MORTICE LOCKS, for which they are AGENTS, as well as for all inventions of merit as soon as perfected.

HART and SONS, aware that the practice of publishing NET price-lists is injurious to the interests of the trade generally, are unwilling to follow it, but at the same time they beg to assure their friends that their prices will be found equally as low as those of any other respectable house.

## FOUNDRY AND IRONWORKS,

168, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

## GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either ornamental or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes, and Steam-engines; Range and Hot-plate Metal. An Improved Soot Door adapted for Internal work.

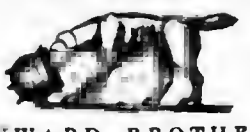
A large stock of Rain-water Pipes, Plain and O G Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Green houses, Staircases, Wrought-iron Girders, Fireproof Doors, Book Safes and Strong Rooms, Tanks and Boilers and every description of iron work to specification, and the work executed with every attention to quality and despatch.

GLOVERS' IRONWORKS,
168, DRURY-LANE, and CHARLES-STREET.

## STOVES, RANGES, &c.



## HAYWARD, BROTHERS,

198, Blackfriars-road and 117 and 118, Union street, Borough,
IRONMONGERS, and MANUFACTURERS
Of Self-acting Ranges, Elliptic and Register Stoves, Arnott's Valves, &c.

SOLE MANUFACTURERS OF
HENLY'S patent improved KITCHEN RANGES, with hot plate, Wolfston's patent radiating and reflecting Register Stoves, and SHERINGHAM'S VENTILATOR.

## TO BUILDERS and CARPENTERS.—

Elliptic Stoves, double backs, 9½d. per inch.
Register Stoves, 3d. 4½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings—

| 2 ft., 2l. 12s. | 3 ft. 6 in., 3l. 7s. | 4 ft., 3l. 12s. |
|---|---|---|

3-feet Cottage Ranges, with ovens and back boilers, 22s. each.
4-feet self-acting ditto, ditto ..... 18s. each.
Air Bricks, 3s. 6d. per dozen—4-inch Cast Leath Nails, 12s. 6d. per cwt.

Best Patent Cut Clasp
1½ 1¾ 2 2½ 3 inch and larger,
14s. 6d. 14s. 13s. 12s. 6d. 12s. per cwt.
Best Sheet Floor Brads, 11s. 6d. per cwt.
Best Town Glue, 9s. Ditto, scotch, 8s. per cwt.
Best Patent Sash Line.
1 2 3 4 6
4s. 5s. 6d. 7s. 9s. 10s. 6d. per gross.
As F. R. WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 28, Chiswell-street, Finsbury-square.
Lists of Prices had on application at the Warehouse, or by letter, pre-paid, inclosing postage stamps.—Warehouse closes at 7 o'clock.

## CLARK and HUNT'S IRONMONGERY,

STOVE and METAL WAREHOUSE, 139, Shoreditch.
Strong Elliptic Stoves, with extra backs, 9½d. per inch.
Register Stoves, 3d. per inch.
4-ft. Self-acting Cottage Ranges, with Oven and Boilers, 30s. each.
3-ft. Self-acting ditto, with wrought bars and bright fittings, 25s. ea.

Cast Rain-water Pipe { 3 3½ } inch.
{ 8d. 10d. 1s. per yard.

Cast Gutters—4-inch, 5d. per yard
{ 6 } inch.
O.G. Gutters ..... { 11d. 1s. per yard.

Best Cut Clasp { 1¼ 1½ 2 2½ } inch.
and Rose { 14s 6d 14s. 13s. 6d. 13s. 12s. per cwt.

Sheet Flooring Brads, 11s. 6d. per cwt.
1-inch Cut Lath, 14s. Cast Lath, 3s. 6d.
4-inch 3-Bolt Rd. Ward Mortise, with best Furniture and Patent Spindles, 3s. 9d.
Light Elliptic and Register Metal, 13s. per cwt.
Hot Water Pipes, 9s. 6d. per cwt.
Dr. Arnott's Ventilators, 3s. each.
An extensive stock of bar, rod, hoop, and sheet iron.

TO BUILDERS AND CARPENTERS, &c.

## J. H. BOOBBYER and CO., late Sturch and Boobbyer, Ironmongery, Brass Foundry, Nail, and Tool Warehouse, No. 14, Stanhope-street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholders, &c., at wholesale prices.

Best Cut Sheet Flooring Brads 11s. 6d. per cwt.
Fine Cut Clasp and Rose.

| 1½ 6d. | 1¾ 6d. | 12s. 6d. | 12s. | 12s. 6d. per cwt. |
|---|---|---|---|---|
| 1½ | 1¾ | 2 | 2½ | 3 inch. |

Best Bright Tower Bolts.

| 1s. 3d. | 1s. 7d. | 2s. 3d. | 2s. 6d. | per dozen. |
|---|---|---|---|---|
| 6 | 6 | 8 | 9 | 4 inch. |

Best Patent Sash Line

| 6d. | 4s. 6d. | 5s. 6d. | 7s. | 9s. | 10s. 6d. per gross. |
|---|---|---|---|---|---|
| No. 1 | 2 | 3 | 4 | 5 | 6 |

Cast Lath Nails, 10s. per cwt. Air Bricks, 3s. 6d. per dozen.

Dr. ARNOTT'S VENTILATORS.

| 10 by 4 inches | 3s. each. |
|---|---|
| 14 by 8 | 9s. |

An assortment in Brass, Ironmoulds, Files, &c.

An extensive stock of Mortise Locks, Drawback Locks, Iron Rim Locks, and Latches, of every description, at very reduced prices; also Door Furniture, in china, amber, crystal, ivory, ebony, buffalo, horn, brass, &c., with Finger-plates, Bell-pulls, and Levers en suite. R. and Co. are the Inventors of SHIFTING BOLT MORTISE LOCKS, &c., as universally approved of.—Established nearly 200 years, for the supply of goods from the best manufactories at the lowest prices.

## TO BUILDERS, CABINET-MAKERS, and OTHERS

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.
Fine Cut Clasp and Rose.

| 1½. 6d. | 1¾. 6d. | 12s. 6d. | 12s. | 12s. 6d. per cwt. |
|---|---|---|---|---|
| 1½ | 1¾ | 2 | 2½ | 3 inch. |

Cross Garnet Hinges, per dozen pair.

| 2s. 6d. | 3s. 6d. | 4s. 6d. | 5s. | 6s. | 8s. |
|---|---|---|---|---|---|
| 10 | 12 | 14 | 16 | 18 | 20 in. |

Best Bright Tower Bolts, per doz.

| 1s. 3d. | 1s. 7d. | 2s. 3d. | 2s. 6d. | 3s. 10d. | 3s. 3d. | 3s. 7d. |
|---|---|---|---|---|---|---|
| 5 | 6 | 7 | 8 | 9 in. | | |

Iron Rain-water Pipe.

| 9d. | 10d. | 1s. 1d. | 1s. 3d. | 1s. 6d. per yard. |
|---|---|---|---|---|
| 2½ | 3 | 3½ | 4 inch. | |

Best London Glue, 30s. per cwt.
Cast Lath Nails, 10s. per cwt.
Air Bricks, 3s. 6d. per doz.
Hooping for boats, 8l. 10s. per ton.
Sash Weights, 3d. per cwt.

TERMS NET CASH.

A price-list may be had on application.

A. L. PPEIL and Co.,
Wholesale Ironmongers, Brass Foundry and Nail Warehouse,
2 and 6, Broad-street, Bloomsbury, London.
AGENTS FOR LEAS PATENT MORTISE LOCKS AND BOLTS.

## TO BUILDERS, CARPENTERS, &c.—

The undermentioned are the PRESENT PRICES of IRONMONGERY, at YOUNG'S, 194, Oxford-street. Every other article equally low. Orders executed upon receipt of remittance or a respectable London reference.

| | 1 | 1½ | 2 | 3 Inches. |
|---|---|---|---|---|
| Cast Butts | 3s. 3d. | 7s. 6d. | 11s. per 6 dozens. | |
| Cut Clasp | 6d. | 7d. | 1s. 3d. | 1s. 6d. } per |
| | 6d. | 6d. | 10d. | 9d. } Lbs. |
| Nos. | 2 | 4 | 6 | 6 |
| Patent Line | 3s. 6d. | 7s. | 9s. | 10s. 6d. per gross. |
| | 6 | 8½ | 3 | Inches. |
| Rain Pipe | 9½d. | 10½d. | 1s. 1d. | per yard. |

## FULKES' RANGE and STOVE MANUFACTORY and BUILDERS' IRONMONGERY WAREHOUSE, Nos. 81 and 82, Park-street, Camden-town. An extensive and well-assorted stock of all descriptions of Stoves, Ranges, and Builders' Ironmongery, at prices equally low as those of any house in the trade, and in many things much lower.

## PATENT SOLAR GRATE, with Reverberatory Fire, may be seen in operation daily. This Grate combines every modern improvement. The LARGEST STOCK and BEST ASSORTMENT of STOVE GRATES, KITCHEN RANGES, FENDERS, FIRE IRONS, HOT-AIR STOVES, and Ironmongery Goods of every description, may be seen at MAPPLEBECK and LOWE'S Show Rooms and Warehouse, Bell Ring, Smithfield, and Gloucester-street, Birmingham. (The Midland Counties General Furnishing Ironmongery establishment.)

## WARMING by HOT WATER.—

J. WEEKS and Co., KING'S-ROAD, CHELSEA, solicit the honour of Architects to inspect their Hot-Water Apparatus, which is to be seen on their premises, in extensive operation. Ornamental Pedestals and Stacks of Pipes in great variety, applicable for warming churches, mansions, entrance-halls, offices, conservatories, &c.—TUBULAR BOILERS of all sizes, warranted to be the most efficient and economical of any yet introduced.—J. WEEKS and Co., Hot-Water Apparatus Manufacturers, King's-road, Chelsea.

## HOT-WATER APPARATUS.—The attention of architects, builders, and others is respectfully requested to BENJAMIN POWLER'S superior method of heating churches and chapels, halls, staircases, conservatories, forcing and green houses, manufactories and warehouses, hilns, rooms for drying timber, &c., and every variety of purpose for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the part so for whom they were executed are constantly expressing their satisfaction, also their willingness to speak from their experience.

BENJAMIN POWLER, late of 81, Dorset-street, removed to the new factory, Whitefriars-street, Fleet-street.

TO BUILDERS AND FLORISTS.

## IRON PIPES for hot-water circulation, with Boilers, Fittings, and every connection, at wholesale prices. RAIN-WATER PIPES, eave and O G gutters, air bricks, sash weights, and railing bars; STABLE FITTINGS, pumps, lamp columns, wrought-iron tubing and under-ground pipe of all sizes and on the most liberal terms, at LYNCH WHITE'S Iron Wharf, St. Pancras, London.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

## RAIN PIPES, &c.—F. A. TIDDEMAN and Co., 84, Ann's Wharf, Earl-street, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c., half round and O. G. Gutters, Socket Pipes for Water or Gas, Flanch Pipes, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH BOXES.

## CHUBBS' PATENT DETECTOR LOCKS give perfect security from false keys and picklocks, and also detect any attempt to open them. They are made of 5 sizes, and for every purpose to which locks are applied, and are strong, secure, simple, and durable.

CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c., is simple in construction, low in price, and quite secure. The keys are particularly neat and portable.

CHUBBS' PATENT FIRE-PROOF SAFES, BOOKCASES, CHESTS, &c., made entirely of strong wrought-iron, so as effectually to resist the falling of brick-work, timber, &c., in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.

CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.

CHUBB and SON, 57, St. Paul's Churchyard, London.

## GREAT FIRES in MARK-LANE and SOUTHAMPTON-STREET, STRAND.—In these destructive Fires Deeds and Documents of immense value have been preserved uninjured by "LEADBEATER'S PATENT FIRE-PROOF SAFES," LEADBEATER'S STRONG WROUGHT-IRON FIRE-PROOF BOOK SAFES, CHESTS, and BOOKS, for Strong Rooms, Plate Closets, and Party-walls, &c., of best make, and possessing all the most recent improvements, are the best depositories for property of every description in the world—extra-strong Cash and Deed Boxes, with Detector Locks; Fire-Detector Locks and Latches for all purposes. LEADBEATER, PATENTEE and MANUFACTURER of the much approved Ventilating and Down-draught-preventing CHIMNEY-POT. This desirable article is found to be the most effectual cure for Smoky Chimneys ever yet before the public, and is adapted to every style of Architecture.

A large assortment on hand at LEADBEATER'S MANUFACTORY, 125, ALDERSGATE-STREET, CITY of LONDON, where Prospectuses may be had.

LEADBEATER, many years Manufacturer for Chubb.

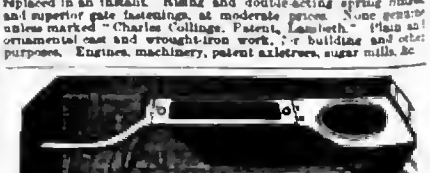
FIRE-PROOF BOOK-CASES AND DEED-BOXES.

## GRIGG and JENKINSON beg to offer to BANKERS, MERCHANTS, SOLICITORS, and MEN of BUSINESS in general requiring safe deposits for VALUABLE PAPERS, &c., a medium of security in their Wrought-iron Safes and Boxes, which cannot be surpassed. They embrace in a peculiar manner all requisite features—great strength and heatness—limited resistance to FIRE, and LOCKS which it is impossible either to force or pick. Their prices are strictly moderate. Also IRON DOORS, and every description of iron Fastenings. Manufacturers, GRIGG and JENKINSON, Finsbury Iron Works, 119 and 120, Bunhill-row.

TO BUILDERS.

## THWAITES and REID, original inventors of the spiral door-springs, beg to call the attention of the trade to those manufactured by them, which, for durability and ease in working, are superior to any other; they have been in use upwards of twenty-five years at the Bank of England, and many other public establishments.—To be had only at their manufactory for church and house clocks, counting machines, wind dials, &c. 4, Romney-street, Clerken well. Established 1760.

## COLLINGE'S PATENT HINGES.—Sole Manufacturers, CHARLES COLLINGE and CO., 45, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, coach-house, and other gates and doors of large and small dimensions, a gate of a ton weight moving with these hinges as easily as a wicket. Ornamental hinges, adapted for drawing-rooms, &c.; doors fitted with them may be removed and replaced in an instant. Rising and double-acting spring hinges, and superior gate fastenings, at moderate prices. None genuine unless marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought-iron work, for buildings and other purposes. Engines, machinery, patent axletrees, sugar mills, &c.



## SAMUEL HOOD and Co., Castings Warehouse, 81, Upper Thames-street. REGISTERED STABLE FITTINGS. Enamelled Mangers, with double hay-racks, or with enamelled water-cistern on one side.—Also, girders, columns, hot water pipes, rain water pipes, eaves, gutters, sash weights, &c., at the lowest prices.